

Supplemental Amendment to Official Action of 8 October 2003 SN: 10/047,362 Filed: 14 January 2002
Inventor: R. A. Lindner Examiner: Mulcahy, Peter D. TC A/U: 1713
Title: Products Docket: 1021-01

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended): A rigid polyvinyl chloride article comprising:

A. a polyvinyl chloride resin;

B. a member selected from the group consisting of:

1. about 0.2 to about 5 weight parts per 100 parts of component A of ethylene glycol distearate,

2. about 0.2 to about 5 weight parts per 100 parts of component A of stearyl stearate, and,

3. about 0.2 to about 5 weight parts per 100 parts of component A of distearyl phthalate, and,

4. about 0.2 to about 5 weight parts per 100 parts of component A of hydrogenated tallow,

5. about 0.2 to about 5 weight parts per 100 parts of component A of a pentaerythritol ester, and;

C. an organic acid oxidized polyethylene having more than 40 carbon

atoms, said organic acid being present in a weight ratio of about 0.2 to about 2 parts per part of component B,

provided further that said article has at least one of the following properties gloss % reflectance @ 60° of less than 65, withstands a falling dart impact of greater than 247.1 ft-lb/inch, and a Delta E at 15,000 hours of less than 6.6.

Claim 2. (previously presented): The rigid polyvinyl chloride article of claim 1 wherein component B is present at about 0.2 to about 5 parts per hundred weight parts of component A.

Claim 3. (previously presented): The rigid polyvinyl chloride article of claim 1 wherein component C is present at about 0.2 to about 5 parts per hundred weight parts of component A.

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Claim 4. (canceled).

Claim 5. (canceled).

Claim 6. (previously presented): The rigid polyvinyl chloride article of claim 1 wherein component C is present to component B in a weight ratio of 0.2 to about 2 parts per part of component B.

Claim 7. (canceled).

Claim 8. (canceled).

Claim 9. (canceled).

Claim 10. (previously presented): The rigid polyvinyl chloride article of claim 1 wherein component C contains 45 to 70 carbon atoms.

Claim 11. (canceled).

Claim 12. (previously presented): The rigid polyvinyl chloride article of claim 1 wherein component C is present to component B in a weight ratio of 0.3 to about 1.5 parts per part of component B.

Claim 13. (currently amended): The rigid polyvinyl chloride article of claim 1 wherein that has both of the following properties gloss % reflectance @ 60° of less than 65 and withstands a falling dart impact of greater than 247.1 ft-lb/inch.

Claim 14. (currently amended): The rigid polyvinyl chloride article of claim 1 wherein that has both of the following properties the property met is gloss % reflectance @ 60° of less than 65 and a Delta E at 15,000 hours of less than 6.6.

Claim 15. (currently amended): The rigid polyvinyl chloride article of claim 1 wherein that has all of the following properties the property met is a falling dart impact of greater than 247.1 ft-lb/inch, a gloss % reflectance @ 60° of less than 65, and a Delta E at 15,000 hours of less than 6.6.

Claim 16 (currently amended): The rigid polyvinyl chloride article of claim 1 wherein that has both of the following properties the property met is a falling dart impact of greater than 247.1 ft-lb/inch, and a Delta E at 15,000 hours of less than 6.6.

Claim 17. (new): A rigid polyvinyl chloride article comprising:

A. a polyvinyl chloride resin;

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B. a member selected from the group consisting of:

1. about 0.2 to about 5 weight parts per 100 parts of component A of ethylene glycol distearate,

2. about 0.2 to about 5 weight parts per 100 parts of component A of stearyl stearate, and

3. about 0.2 to about 5 weight parts per 100 parts of component A of distearyl phthalate, and,

C. oxidized polyethylene having more than 40 carbon atoms, said organic acid being present in a weight ratio of about 0.2 to about 2 parts per part of component B,

provided further that said article has at least one of the following properties gloss % reflectance @ 60° of less than 65 and withstands a falling dart impact of greater than 247.1 ft-lb/inch.